Under the P	aperwo	rk Reduction A	ct of 1995, no	persons are requ	ri <u>re</u> d to re	espond to	U.S. Patent and Tra a collection of inform	pproved idemark ation unl	for use throu Office; U.S. I less it display	igh 10/31/2002. ON DEPARTMENT OF I's a valid OMB cont	AB 0651-003 COMMERC Tol number.	1 E
									ete if Kno			٦
INFOR	MA.	TION D	ISCLO	SURE		Applic	ation Number	Unkno	wn			٦
						Filing	Date	Herew	ith			Ī
SIAIL	. IVIC	MI DI	AFFLI	CAITI		First N	lamed Inventor	Eric H	. Mansfield,	et al.		
(4	use a s r	nany sheets a	s necessary)			Art Uni	it					
						Exami	ner Name					
Sheet	1	of		1		Attome	ey Docket	179603	31US2AP			
Document Number Publication D MM-DD-YYY		TENT (OCUM	ENTS					٦			
Evaminer	Cite	Documer	t Number			Ī	ame of Patentee o	. 1	Pages, Colu	ımns, Lines, Wh	ere Releva	nt
		Number-Kind C	ode² (if known)				ant of Cited Docur	, ,	Pa	issages or Relev	ant	
21.11	┪.			00 15 1001			1/			Figures Appear		\dashv
	╬╌						Kenyon Entir					ㅓ
				 			Entis Hatch et al.					-
1011	+						Fredrickson		-		.,,	4
1000					-		Eklof et al.			·····		-
1/201				_			Leyden et al.					٦
100	-						Leyden et al.					-
100	 						Malin					-
101	-						Huehner et al.					-
200	1						Valiulis					٦
		***				 	Huehner et al.					-
7/	+		023010	02-13-2003			Trucinici et al.					┥
						ļ	-					-
	+		 .									\dashv
							· · · · · · · · · · · · · · · · · · ·					-
						-						ᅥ
												-
						-						-
				 								-
				 				\dashv				\dashv
	<u> </u>	00-										=
					PATEN	IT DOC	JMENTS		<u> </u>			
Examiner Initials*	Cite No.¹			·	Publicat MM-DI	ion Date D-YYYY	Name of Paten Applicant of Cited (Where	, Columns, Lines, Relevant Passages rant Figures Appear	Τ*	
	+	, , , , , , ,			-	-			_		·	-
									-			4
· · · · · · · · · · · · · · · · · · ·	+								<u> </u>			\neg
	1						*					_
	1				 							
												

MN New 8 EXAMINER: Initial if reference of sidered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at www.upsto.gov or MPEP 901.04. The Emperor must precede that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the region of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.

Date Considered

31/2006

Examiner Signature

PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031

Un	der the Par	erwo	k Reduction Ac	t of 1995, no	persons are requ	ired to re	spond to	U.S. Patent and Tra a collection of inform	idemarl ation ur	COffice; L	J.S. DEPART <u>iplays a val</u> id	MENT OF OMB cont	COMME rol numb	ERCE ber.
Substitute for fo	orm 1449A/	РТО							Сотр	lete if	Known			
IN	FORN	ΛA.	TION DI	SCLO	SURE			ation Number	Unkn					
S1	TATE	ΜE	NT BY	APPLI	CANT		Filing		Herev					
•					•••••			lamed Inventor	Eric I	I. Mans	field, et al.			
	(us	e as r	nany sheets as	necessary)			Art Uni	it						
							Exami	ner Name						
	Sheet	1	of		2		Attorne	y Docket	1796	031US2	AP			
					U.S. PA	TENT D	OCUM	ENTS						
Examiner		Cite	Document	Number	Publication	Date	N	ame of Patentee o	r	Pages,	Columns, L			evant
Initials*		No.1	Number-Kind Co	de² (if known)	MM-DD-Y	YYY	Applic	ant of Cited Docur	nent		Passages Figure	s or Relev s Appear		
w	-	1	US-1,695,5°	17	12-18-1928		(C. A. Waldbauer			, iguic	о просог		
		2	US-2,441,40)7	05-11-1948			M. A. Glavies						
		3	US-2,868,39	90	01-13-1959			H. W. McCrone						
		4	US-3,048,3°	11	08-07-1962		-	A. R. Neuenfeldt						
		5	US-3,659,72	21	05-02-1972			Parillo						
		6	US-3,472,38	35	10-14-1969		L.	L. Shapiro et al						
		7	US-3,567,0	34	03-02-1971		S	alomon Mozelsio)					
		8	US-3,581,90)5	06-01-1971		La	urence L. Shapii	o					
			US-3,610,42	23	10-05-1971			Vincent Parillo						
		10	US-3,622,0°	11	11-23-1971			Gerald A. Snow						
		11	US-3,735,8	75	05-29-1973			Parillo						
		12	US-3,934,7	27	01-27-1976			Brefka				-		-
		13	US-3,993,19		11-23-1976			Caligiuri						
		14	US-4,008,8	35	02-22-1977			Budzik						
		_	US-4,109,79		08-29-1978		1	Konigsford et al.						
		16	US-4,254,8	79	03-10-1981			Maule						
			US-4,289,7		09-15-1981			Ishise						
		18	US-4,300,69	90	11-17-1981			Thomas						
			US-4,324,3		04-13-1982			Goldfarb et al.				····	-	
ZINA		_	US-4,363,4		12-14-1982			Radlin						
			= .		FOREIGN	PATEN	T DOC	JMENTS						
Examiner	·	Cite	Forein	n Patent Do		T -	ion Date	Name of Paten	100.00		ages, Column	s. Lines.		
Initials*		No.1			nd Code®(if known)	MM-DE		Applicant of Cited (nere Relevant I Relevant Figur		T*	•
			0001111 / 0000	110.11207	to occo (ii icioiiii)								· · · ·	
						-				\dashv				
		—				 		·						
						<u> </u>					· · · · · · · · · · · · · · · · · · ·		 	
			<u> </u>			<u> </u>								
		-		 		 							 -	
		 			···········	<u> </u>							<u> </u>	
 	***************************************					 		.		-				
						ļ		·						
<u> </u>		├											 	
<u></u>						<u> </u>		<u> </u>						==
Examiner Sig	nature		2001	Vent	~			Date Considered		0	3/31	200	6	

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, help copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.upsto.gov or MPEP 901.04, ³ Enter Office that issues the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the Year of the Temperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.

PTO/SB/08A (10-01)

Under the F	Paperwo	rk Reduction A	Act of 1995, no	persons are requ	uired to re	espond to	A U.S. Patent and Tra a collection of inform	pproved demark ation ur	d for u k Offic nless i	se through 10/31/2002. e; U.S. DEPARTMENT t displays a valid OMB	OF C	0651-0031 OMMERCE
Substitute for form 1449.										if Known		TTIOTHOCT.
INFOR	MA"	TION D	ISCLO	SURE		Applic	ation Number	Unkne	own			
			APPLI			Filing	Date	Herev	vith			
SIAIL	- IVI L	HI DI	AFFLI	CAITI		First I	lamed Inventor	Eric I	l. Ma	nsfield, et al.		
((use as i	many sheets a	is necessary)			Art Un	it					
						Exami	ner Name					
Sheet	4 2	2 of		2		Attorn	ey Docket	1796	03 I U	S2AP		
				U.S. PA	TENT	OCUM	ENTS		_		_	
Examiner	Cite		nt Number	Publication			ame of Patentee or	1	Page	es, Columns, Lines, Passages or Re		
Initials*	No.¹		Code ² (if known)	MM-DD-Y	Y Y Y	Applic	cant of Cited Docur	nent		Figures App		
no		US-4,553,		11-19-1985			Larsen .		<u> </u>			
1 m		US-5,009,		04-23-1991			Bodkins					
1 W	23	US-5,011,	054	04-30-1991			Mauffette		İ			
100	24	US-5,012,	997	05-07-1991			Hutchison					
Me	25	US-5,018,	627	05-28-1991			Moore			<u> </u>		
1m	26	US-5,082,	215	01-21-1992			Hutchison					
Mar	27	US-5,160,	048	11-03-1992			Leyden et al.					
M	28	US-5,251,	757	10-12-1993			Relyea et al.					
	29	US-5,348,	167	09-20-1994			- Jensen		-			
m	30	US-5,423,	436	06-13-1995			Morrow		 			
m		US-5,485,		01-23-1996			Rushing		1			
Mr	32	US-5,597,	150	01-28-1997		-	Stein et al.		 			
In		US-5,624,		04-29-1997			Hono		 			
M	34	US-5,689,	978	11-25-1997		ļ	Eklof et al.		 			
101		US-5,702,		12-30-1997		<u> </u>	Thalenfeld et al.		1			
1//2/	36	US-5,711,	432	01-27-1998			Stein et al.		╁			
/w	37	US-5,765,	B01	06-16-1998			Geiselman					
100	38	US-5,823,	407	10-20-1998	-		Mayer et al.					
1/0	39	US-6,223,	915	05-01-2001			Waner					·
				FOREIGN	PATEN	T DOC	UMENTS					
Examiner Initials*	Cite No.¹		gn Patent Do	cument		ion Date	Name of Patent Applicant of Cited D			Pages, Columns, Lines, Where Relevant Passage		
mittais	140.	Country Code ³	-Number⁴ -Kin	d Code ^s (if known)	14.141-01	<i>-</i> 1111	Applicant of Oiled C	, ocamic		or Relevant Figures Appe	ar	Τ*
//W	40	EP-1,199,	012 A1		04-24-	2002	Stacey Lim	ited				
1 an	41	FR-2,795,	294 A1		12-29-	2000	Thomas Jear	Mary	/			
												_
		_										
												<u></u> -
					1	-					十	
									_		$\neg \uparrow$	··
	1			•	<u> </u>	-			\dashv		_	
	+-		- .		1	-					+	
	+				 	-	 		-+		\rightarrow	

Included_ in PTO-892 dated 03/29/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at www.upsto.gov or MPEP 901.04, ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the Peter of the performance must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.

Date Considered

2006

31

w

Examiner Signature

Sheet

PTO/SB/08a (08-03)
Approved for use through 07/31/2008. OMB 0651-0031

l ladar i	he Brook Party Partyring Bri of 1995, Br	nerso	ns are required to resp	ond to a collection of information	on unless it displays a valid QMB control number
Under	Substitute for former 449A/PTO	40.00		Co	mplete if Known
				Application Number	10/800,346
	INFORMATION DISC	LO	SURE	Filing Date	March 12, 2004
	STATEMENT BY AP			First Named Inventor	Eric H. Mansfield, et al.
	(Use as many sheets as nec			Art Unit	3634
	(Ose as many should be now	,,,,,	,	Examiner Name	
Sheet	1	of	1	Attorney Docket Number	1796031US2AP

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.1	Number-Kind Code ² (Faces)			Figures Appear
111	1	US-3,827,569	08-06-1974	Cenning	
XOV	2	US-4,462,497	07-31-1984	Maule	
11/2	3	US-5,009,334	04-23-1991	Bodkins	
12	4	US-5,042,669	08-27-1991	Goldring	
1/1/	5	US-5,251,767	10-12-1993	Wiederer	
low	6	US-5,407,170	04-18-1995	Slivon et al.	
Mu	7	US-5,441,161	08-15-1995	Merl	
101	8	US-5,542,633	08-06-1996	Nagel	
1/1	9	US-6,131,748	10-17-2000	Kawasaki et al.	
1/1/	10	US-6,279,256	08-28-2001	Norolof et al.	
In	11	US-6,349,909	02-26-2002	Zarrow et al.	
1/1/	12	US-6,446,819	09-10-2002	Mattesky	
	13	US-6,622,979	09-23-2003	Valiulis	
An	14	US-6,659,291	12-09-2003	Huehner et al.	
-	15	US-2004/0026344	02-12-2004	Sedon et al.	
(1					
"	T				
					<u> </u>
				<u> </u>	
			FOREICH DATE	NT DOCUMENTS	
			FUREIGN PATE	NI DOCUMENTS	Pages, Columns, Lines,

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ^a -Number ^a - Kind Code ^a (# known)			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
/u	16	FR 2,608,985	05-27-1988	Antonio Belfiore		×			
	 								
	1					1			
	-					t			
						L			
	-					╁╌			
	1					工			

					,
Examiner	a la Al	Date	12]	12006
Signature		Considered	03	/ / /	

EXAMINER: Initial's reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of US PTO Patent Documents at www.upsto.gov or MPEP 901.04. The Today of the following the first of the fir patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)

Approved for use through 07/31/2008, OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

no persons are required to respond to a collection of information unless it displays a valid OMB control number. Under the Paperwork Redu Complete if Known Substitute for form//449 **Application Number** 10/800,346 INFORMATION DISCLOSURE Filing Date 3/12/2004 First Named Inventor Eric H. Mansfield STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) **Examiner Name** 1796031US2AP of 1 Attorney Docket Number 1 Sheet

Þ

			U.S. PATENT	DOCUMENTS			
Examiner	xaminer Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
Initials*	No.¹	Number-Kind Code ² (********)	WIW-DO-1111	Applicant of olice booking.	Figures Appear		
				-			
	\vdash						
			ļ				
	ļ		<u></u>				
	 						
	┼──						
	 						
	 		 				
	 		 	<u> </u>			
	 						

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1			Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					
n	1	DE 198 43 036	03-23-2000	Frank-Michael Roediger		\perp				
/	-					╁				
						\perp				
	 					╁				
						上				
<u> </u>	ļ				 	+-				
	 					十				

Date 31 63 Considered Signature

EXAMINER: Initial Frence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of Afris form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of US PTO Patent Documents at www.upsto.gov or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents. the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO). to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering. preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.